

## INTERNATIONAL SEARCH REPORT

IB2005/050618

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H04L29/08 H04L12/28

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H04L H04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, INSPEC, COMPENDEX

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/23853 A (ATHEROS COMMUNICATIONS, INC) 21 March 2002 (2002-03-21)	1, 10
Y	abstract page 1, line 4 - page 3, line 11 page 3, line 30 - page 6, line 32 figures 3-5	2-9, 11-16
Y	US 2001/055281 A1 (KWAN DENNIS) 27 December 2001 (2001-12-27) abstract paragraphs 7, 9, 23, 24, 27-30, 32, 33, 41 figure 4  ----- -/--	2-9, 11-16

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

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- \*O\* document referring to an oral disclosure, use, exhibition or other means
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- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

30 May 2005

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14/06/2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 02/18024 A (KARAWAY GAMING, INC) 7 March 2002 (2002-03-07) abstract page 4, line 21 - line 31 page 7, line 7 - line 23 page 8, line 3 - page 10, line 28 page 11, line 19 - line 26 figures 3,5 -----	1-16
A	WO 03/067453 A (BERMAI, INC) 14 August 2003 (2003-08-14) abstract paragraphs 4-7; paragraphs 14-16, 22; paragraph 43 figures 3-8,11 -----	1-16
A	WO 01/22690 A (XIRCOM, INC) 29 March 2001 (2001-03-29) abstract page 16, line 3 - page 17, line 4 figure 6 -----	1-16
A	EP 1 133 129 A (TEXAS INSTRUMENTS INCORPORATED) 12 September 2001 (2001-09-12) abstract paragraphs 3-8; 11-32, 45, 47 figures 2,3 -----	1-16

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